

# Canadian Journal of Anaesthesia



# Journal canadien d'anesthésie

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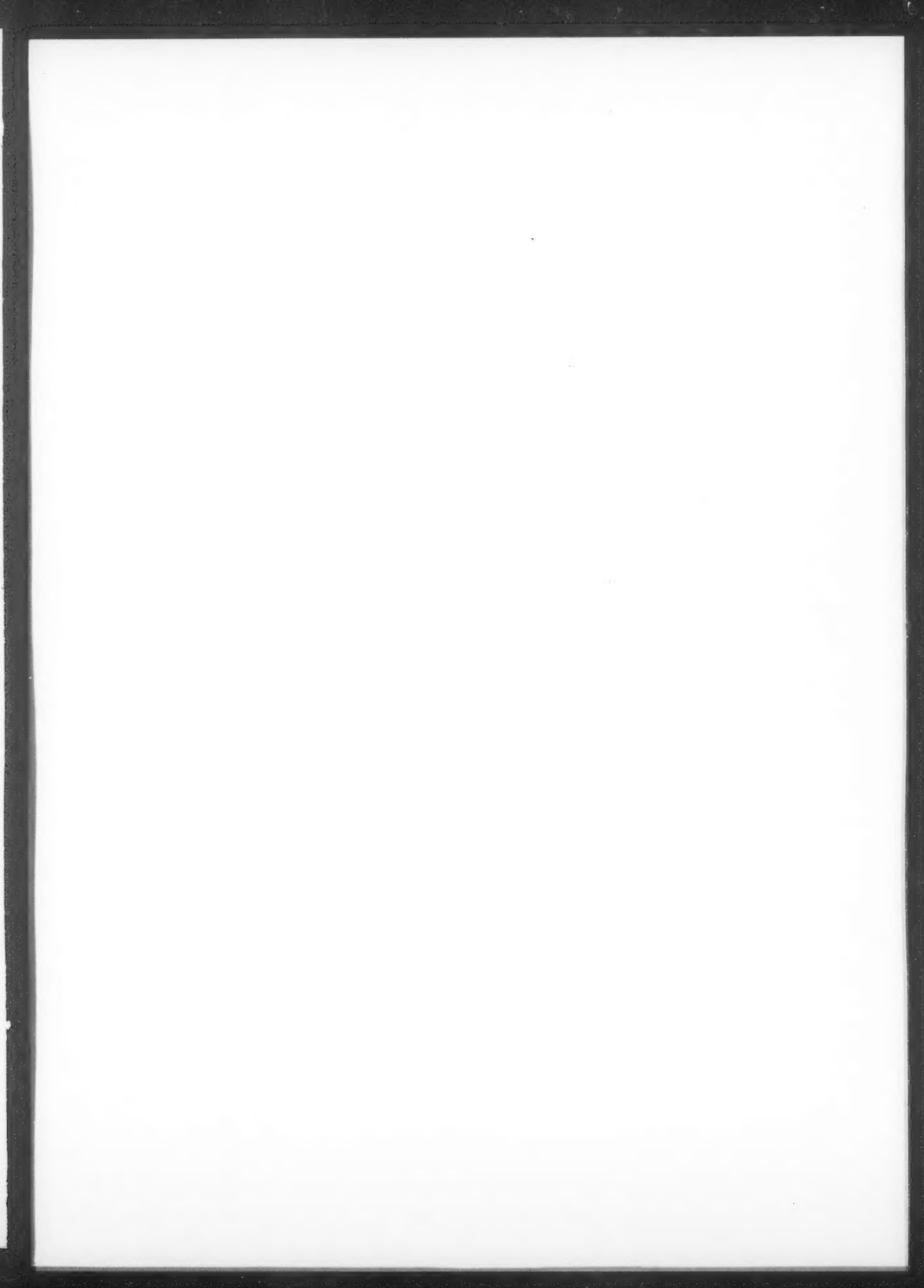
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# Canadian Journal of Anaesthesia

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*Finsterer J*, *Seratil U*, *Bittner R*, *Sporn P*. Increased sensitiv-  
ity to rocuronium and atracurium in mitochondrial  
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*Finucane B*, see *Crosby E*, jt. auth.  
- see *Tsui BCH*, jt. auth.  
*Finucane BT*, *Zaman N*, *Kashkari I*, *Tawfik S*, *Tam YK*. The  
dose of lidocaine selected for axillary blocks should not  
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- see *Sandler AN*, jt. auth.  
*Fiore AC*, see *Azzam FJ*, jt. auth.  
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*Fiset P*, see *Bonhomme V*, jt. auth.  
- see *Meuret P*, jt. auth.  
*Fisher J*, see *Vesely A*, jt. auth.  
*Fisher JA*, *Tessler J*, *Rucker J*. Recycling anesthetic vapours  
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- see *Sommer LZ*, jt. auth.  
*Flanagan F*, see *Colbert S-A*, jt. auth.  
*Flynn N*, see *Colbert S*, jt. auth.  
*Forster A*, see *Brunschwiler M*, jt. auth.  
- see *Fournier R*, jt. auth.  
*Fortier J*, *Chung F*, *Su J*. Unanticipated admission after  
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- see *Wong J*, jt. auth.  
*Fortier L-P*, see *St-Pierre J*, jt. auth.  
*Fournier R*, *Van Gessel E*, *Gaggero G*, *Bocconi S*, *Forster A*,  
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- see *Schwarz SKW*, jt. auth.  
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*Friedlander M*, see *Crosby E*, jt. auth.  
- see *Sandler AN*, jt. auth.

- Fugère F, see Chouinard P, jt. auth.
- Fujii Y, Kihara S-i, Takahashi S, Tanaka H, Toyooka H.  
Calcium channel blockers attenuate cardiovascular responses to tracheal extubation in hypertensive patients, 655
- Saitoh Y, Takahashi S, Toyooka H. Diltiazem-lidocaine combination for the attenuation of cardiovascular responses to tracheal intubation in hypertensive patients, 933
- Saitoh Y, Tanaka H, Toyooka H. Cardiovascular responses to tracheal extubation or LMA removal in children (brief report), 178
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Central noradrenergic mediation of nitrous oxide-induced analgesia in rats (laboratory investigation), 1123
- Fukura H, see Kuroda M, jt. auth.
- Fuller J, Butler R, Spadafora S. Anaesthesia residency program selection: factors of importance to trainees (abstract), A54-A
- see Butler R, jt. auth.
- G**
- Gadag V, see LeDez KM, jt. auth.
- Gaggero G, see Fournier R, jt. auth.
- Gagliese L, Jackson M, Ritvo P, Wowk A, Sandler AN, Katz J.  
Age differences in postoperative pain levels and PCA opioid consumption (abstract), A21-A
- Gallant BJ, see Gregoret-Quinn MG, jt. auth.
- Galletly DC, see Lewer BMF, jt. auth.
- Gallo P, see Tritapepe L, jt. auth.
- Gamulin Z, see Brunschweiler M, jt. auth.
- see Fournier R, jt. auth.
- Ganapathy S, see Vaghadia H, jt. auth.
- Gandhi M, see Cohen MR, jt. auth.
- Ganesbham T, see Jin F, jt. auth.
- Gardaz J-P, see Haller G, jt. auth.
- Garnett ME, see Ansley DM, jt. auth.
- Gearen PF, see Lobato EB, jt. auth.
- Giachino AA, see Wherrett CG, jt. auth.
- Giampalmo M, see Agrò F, jt. auth.
- Gilbert TB, Jacobs SC, Quaddoura AA. Deafness and prolonged neuromuscular blockade following single-dose peritoneal neomycin irrigation (brief report), 568
- Gillart T, Bazin JE, Cosserant B, Guelon D, Aigouy L, Mansoor O, Schoeffler P. Combined nitric oxide inhalation, prone positioning and almitrine infusion improve oxygenation in severe ARDS, 402
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- Gilron I, Plourde G, Marcantoni W, Varin F. 40 Hz Auditory steady-state response and EEG spectral edge frequency during sufentanil anaesthesia, 115
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- Girard M, see Bergeron L, jt. auth.
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- Given FH, see Colbert ST, jt. auth.
- Glass P. Intravenous infusion techniques: how to do it and why we should do it (refresher course), R117; R128
- Gleason DG, see Greengrass RA, jt. auth.
- Godin DV, see Ansley DM, jt. auth.
- Gofton E, see Mayson K, jt. auth.
- Goldsmith C, see Kahn L, jt. auth.
- Gombar KK, see Mitra S, jt. auth.
- Gombar S, see Mitra S, jt. auth.
- Goresky GV, Cowtan T. Ondansetron cost effectiveness for tonsillectomy in children (abstract), A58-A
- Goto F, see Imai T, jt. auth.
- see Kadoi Y, jt. auth.
- see Kuroda M, jt. auth.
- see Okutomi T, jt. auth.
- Goto Y, see Takakura K, jt. auth.
- Gouchet A, see Laffon M, jt. auth.
- Gould HM, see Isaac L, jt. auth.
- Gourdeau M, see Vézina D, jt. auth.
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- Grange CS, Heid R, Lucas SB, Ross PLE, Douglas MJ.  
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- Granger KA, see Woodward DK, jt. auth.
- Graybeal JM, see Russell GB, jt. auth.
- Greengrass RA, Klein SM, D'Ercole FJ, Gleason DG, Shimer CL, Steele SM. Lumbar plexus and sciatic nerve block for knee arthroplasty: comparison of ropivacaine and bupivacaine (brief report), 1094
- Greenwald J, see Vesely A, jt. auth.
- Greenwald Y, see Sommer LZ, jt. auth.
- Gregoret-Quinn MG, Seal RF, Smith LJ, Jones AB, Tang C, Clanachan AS, Gallant BJ, Nadwidny LA. Propofol vs fentanyl and midazolam as sedation for pediatric gastrointestinal endoscopy (abstract), A57-B
- Gregson PH, see McKay WPS, jt. auth.
- Grewal SPS, see Grover VK, jt. auth.
- Griffin MJ, Brennan L, McShane AJ. Preoperative education and outcome of patient controlled analgesia, 943
- Grodecki W, see Berger CW, jt. auth.
- Gronert BJ, see Brandom BW, jt. auth.
- Grover VK, Kumar KVM, Sharma S, Sethi N, Grewal SPS.  
Comparison of methods of eye protection under general anaesthesia (brief report), 575

- Gu M, Bose R, Bose D, Yang J, Li X, Light RB, Jacobs H, Mink SN. Tumour necrosis factor- $\alpha$ , but not septic plasma depresses cardiac myofilament contraction (laboratory report), 352
- Guard BC, Sikich N, Lerman J, Levine M. Maintenance and recovery characteristics after sevoflurane or propofol during ambulatory surgery in children with epidural blockade, 1072
- Guay J, Ozier Y, de Moerloose P, Samana C-M, Bélisle S, Hardy J-F. Le polytraumatisé et les anomalies de l'hémostase (symposium report), 683
- Guelon D, see Gillart T, jt. auth.
- Guicheteau V, see Laffon M, jt. auth.
- Guillou Y-M, see Seguin P, jt. auth.
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- Güner F, see Özalp G, jt. auth.
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- Hall LA, see Isaac L, jt. auth.
- Hall RI, see Murphy T, jt. auth.
- Hall SRR, Wang L, Milne B, Loomis C. Activation of the rostral ventrolateral medulla in an acute anaesthetized rodent model of allodynia (abstract), A50-A
- Haller G, Gardaz J-P, Bissonnette B. Evaluation des conditions d'intubation sous rocuronium, 312
- Halpern S. Does epidural analgesia cause an increase in the caesarean section rate? A meta-analysis (abstract), A64-A
- MacDonell J, Levine T, Wilson D. Does epidural analgesia influence breast-feeding outcomes six weeks postpartum? (abstract), A64-B
- see Devito I, jt. auth.
- see Katsiris S, jt. auth.
- see Morgan P, jt. auth.
- Hamaguchi S, see Yamaguchi S, jt. auth.
- Hamilton GA, see Nicholson DJ, jt. auth.
- Hampl KF, see Ummenhofer WC, jt. auth.
- Hanaoka K, see Nishiyama T, jt. auth.
- Hannah J, see Arndt GA, jt. auth.
- Hara K, Saito Y, Morimoto N, Sakura S, Kosaka Y. Anaesthetic management of Caesarean section in a patient with Myelodysplastic Syndrome (obstetric forum), 157
- Hara T, see Shibata O, jt. auth.
- Harding GA, Hudson RJ, Thomson IR. Fentanyl vs sufentanil in CABG surgery: haemodynamic control and cost (abstract), A35-B
- see Hudson RJ, jt. auth.
- Hardy J-F, see Guay J, jt. auth.
- see Le May S, jt. auth.
- Hare GMT, Lee TDG, Hirsch GM. Medial smooth muscle apoptosis is initiated after transient allogeneic exposure in rat aortic allografts (abstract), A33-A
- Ngan JCS. Density determination of local anaesthetic opioid mixtures for spinal anaesthesia (laboratory report), 341
- Harow EE, see Zeidel A, jt. auth.
- Hawaleshka A, Jacobsohn E. Ischaemic preconditioning: mechanisms and potential clinical applications (review article), 670
- Hayano J, see Tsuda T, jt. auth.
- He Z, see Tsang BK, jt. auth.
- Hébert Y, see St-Pierre J, jt. auth.
- Heid R, see Grange CS, jt. auth.
- see Wilson DJ, jt. auth.
- Helikson MA, see Tobias JD, jt. auth.
- Hemmings G, see Despond O, jt. auth.
- Hemmings GT, see Scull TJ, jt. auth.
- Henderson BT, see Hudson RJ, jt. auth.
- Hettrick DA, see Pagel PS, jt. auth.
- Hill GE, Pohorecki R, Whitten CW. Plasma lipid concentrations correlate inversely with CPB-induced interleukin-6 release, 509
- Hilton ABR, Lockhart EM, Penning DH. Epidural analgesia in parturients with previous spinal irradiation (clinical report), 884
- Hirose Y, see Kawahito S, jt. auth.
- Hirsch GM, see Hare GMT, jt. auth.
- Ho IK, see Tsang BK, jt. auth.
- Ho S-T, see Li C-Y, jt. auth.
- see Lin T-C, jt. auth.
- Hogan Q. Epidural anatomy: new observations (refresher course), R40; R45
- Hoka S, see Okutomi T, jt. auth.
- Hooper J. Advances in mechanical ventilation (refresher course), R149; R155
- see Alhashemi JA, jt. auth.
- Hopkins D, Shipton EA, Poigietter D, Van Der Merwe CA, Boon J, De Wet C, Murphy J. Comparison of tramadol and morphine via subcutaneous PCA following major orthopaedic surgery, 435
- Horikawa D, see Nakae Y, jt. auth.
- Ho-Tai LM, Devitt JH, Noel AG, O'Donnell MP. Gas leak and gastric insufflation during controlled ventilation: face mask versus laryngeal mask airway, 206
- Howells SR, Robblee JA. Tranexamic acid does not reduce blood loss or transfusion in primary cardiac surgery (abstract), A11-A
- Hu X, see Zhou Y, jt. auth.
- Huang M-H, see Pang W-W, jt. auth.
- Hudson ME, Rothfield KP, Tullock WC, Firestone LL. Haemodynamic effects of rocuronium bromide in adult cardiac surgical patients, 139



- Hudson RJ, Singh K, Harding GA, Henderson BT, Thomson IR. The pharmacokinetics of fentanyl in patients undergoing coronary artery bypass grafting (abstract), A35-A  
 – see Harding GA, jt. auth.  
 – see Thomson IR, jt. auth.  
 Hung OR, Comeau L. Incidence of intra-operative cessation of intravenous (iv) fluid administration (abstract), A5-A  
 – see Crosby ET, jt. auth.  
 Hurlbert RJ, see Seal DD, jt. auth.  
 Hurtado C, Bradley J. Causes of same day admit same day discharge operating room cancellations in a tertiary care teaching hospital (abstract), A3-A  
 – see Burns AR, jt. auth.

## I

- Ide M, see Naito Y, jt. auth.  
 Ieshima H, see Otake T, jt. auth.  
 Iida H, see Watanabe Y, jt. auth.  
 Iihara K, Orser BA, Tymianski M. Neuroprotective effects and temperature dependence of intravenous anaesthetics against excitotoxicity and oxygen-glucose deprivation in mouse cortical neurons (abstract), A47-A  
 Ikeda S, see Tsuchida K, jt. auth.  
 Imai T, Takahashi K, Masuo F, Goto F. Anaesthesia affects outcome of sepsis in mice (laboratory report), 360  
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 Inada Y, see Takeda S, jt. auth.  
 Inoue T, see Wajima Z, jt. auth.  
 Irifune M, Sato T, Kamata Y, Nishikawa T, Nomoto M, Fukuda T, Kawahara M. Inhibition by diazepam of ketamine-induced hyperlocomotion and dopamine turnover in mice (laboratory investigation), 471  
 Isaac M, Splinter WM, Hall LA, Gould HM, Rhine EJ. Pharmacoeconomics of neuromuscular blocking agents: perioperative cost minimization strategy in children (abstract), A15-A  
 Iscoe S, see Sommer LZ, jt. auth.  
 – see Vesely A, jt. auth.  
 Ishida H, see Otake T, jt. auth.  
 Ishikawa G, see Wajima Z, jt. auth.  
 Ishikawa S, Makita K, Nakazawa K, Amaha K. Continuous intra-arterial blood gas monitoring during oesophagectomy (brief report), 273  
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- Janier M, see Pirou V, jt. auth.  
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 Jedeikin R, see Lang E, jt. auth.  
 Jeejeebhoy KN, see Wong DR, jt. auth.  
 Jensen FS, see Reich DL, jt. auth.  
 Jin F, Chung F, Norris A, Ganeshram T. Should adult patients drink before discharge from the ambulatory surgery unit? (abstract), A25-B  
 Joffres MR, see Robinson J, jt. auth.  
 Johnson D, see Mayers I, jt. auth.  
 Jones AB, see Gregoret-Quinn MG, jt. auth.  
 Joo H, Rose K. Fastrach - a new intubating laryngeal mask airway: successful use in patients with difficult airways (equipment report), 253  
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## K

- Kadiogullari N, see Özalp G, jt. auth.  
 Kadoi Y, Saito S, Kunitomo F, Morita T, Goto F, Kawahara F, Fujita N. Cerebral oxygenation during prostaglandin E1 induced hypotension, 860  
 Kahn L, Baxter F, Dauphin A, Goldsmith C, Jackson P, McChesney J, Miller J, Takeuchi L, Young E. A prospective randomised trial comparing thoracic and lumbar epidural techniques for post-thoracoabdominal esophagectomy analgesia (abstract), A38-B  
 Kamata Y, see Irifune M, jt. auth.  
 Kanaya N, Matsumoto M, Kawana S, Tsuchida H, Kimura H, Miyamoto A, Ohshika H, Namiki A. Ca<sup>2+</sup> channel modulation alters halothane-induced depression of cultured ventricular myocytes (laboratory investigation), 584  
 Kannan S, see Sethuraman R, jt. auth.  
 Kao T-C, see White JL, jt. auth.  
 Kapoor S, Shayan S, Karkouti K. Evaluation of cord care, a new endotracheal tube introducer (abstract), A29-B  
 Karabinis G, see Fassoulaki A, jt. auth.  
 Kardash K, see Mirmaker E, jt. auth.  
 Karkouti K, see Burns AR, jt. auth.  
 – see Kapoor S, jt. auth.  
 Karlin L, see Soliman DE, jt. auth.  
 Karski J, see Dowd N, jt. auth.  
 Kasaba T, Kondou O, Yoshimura Y, Watanabe Y, Takasaki M. Haemodynamic effects of induction of general anaesthesia with propofol during epidural anaesthesia, 1061  
 Kashkari I, see Finucane BT, jt. auth.  
 Kaszas Z, see Weisbrod MJ, jt. auth.  
 Katsiris S, Leighton B, Halpern S, Wilson D, Kronberg J. Testing multiorifice epidural catheters: inject briskly (abstract), A62-B

## J

- Jackson M, see Gagliese L, jt. auth.  
 Jackson P, see Kahn L, jt. auth.  
 Jacobs H, see Gu M, jt. auth.  
 Jacobs SC, see Gilbert TB, jt. auth.  
 Jacobsohn E, see Hawalesbka A, jt. auth.

- Williams S, Leighton B, Halpern S. Respiratory arrest following intrathecal injection of sufentanil and bupivacaine in a parturient (clinical report), 880
  - Katsuya H, see Tsuda T, jt. auth.
  - Katz J, see Gagliese L, jt. auth.
  - Kawahara F, see Kadoi Y, jt. auth.
  - Kawahara M, see Iriyama M, jt. auth.
  - Kawahito S, Kitahata H, Kimura H, Tanaka K, Sakai Y, Hirose T, Oshita S. Anaesthetic management of a patient with Williams syndrome undergoing aortoplasty for supravalvular aortic stenosis (brief clinical report), 1203
  - Kawamura T, Nara N, Wakusawa R, Inada K. Prostaglandin E1 reduces myocardial reperfusion injury by inhibiting proinflammatory cytokines production during cardiac surgery (abstract), A34-B
  - Kawana S, see Kanaya N, jt. auth.
  - Kay JC, see Belo SE, jt. auth.
  - Keahey W, see Tsang BK, jt. auth.
  - Kcane PW, see Colbert ST, jt. auth.
  - Kearney R, see Tsui BC, jt. auth.
  - Keira H, Peytavin G, Giraud O, Silleran J, Rahoelivaraux L, Desmonts J-M, Mantz J. Aging prolongs recovery of psychomotor functions at emergence from propofol-alfentanil anaesthesia (brief clinical report), 1211
  - Keith M, see Wong DR, jt. auth.
  - Keller C, Sparr HJ, Luger TJ, Brimacombe J. Patient outcomes with positive pressure *versus* spontaneous ventilation in non-paralysed adults with the laryngeal mask (brief report), 564
  - Kember G, see McKay WPS, jt. auth.
  - Kennedy RA, see Bridge HS, jt. auth.
  - Kersten JR, see Pagel PS, jt. auth.
  - Kihara S-i, see Fujii Y, jt. auth.
  - Kimura H, see Kanaya N, jt. auth.
  - see Kawahito S, jt. auth.
  - see Tsushima K, jt. auth.
  - Kindler C, see Ummenhofer WC, jt. auth.
  - Kindopp AS, Ashbury T. Anaesthetic management of an adult patient with X-linked adrenoleukodystrophy (brief report), 990
  - Kinoshita H, see Fukuhara N, jt. auth.
  - Kiriyama M, see Tsuda T, jt. auth.
  - Kirkegaard-Nielsen H, Lindholm P, Petersen HS, Severinsen IK. Antagonism of atracurium-induced block in obese patients, 39
  - Kitahata H, see Kawahito S, jt. auth.
  - Kitajima T, see Yamaguchi S, jt. auth.
  - Kleiman SJ, see Mitmaker E, jt. auth.
  - Klein SM, see Greengrass RA, jt. auth.
  - Klubien K, Bandi E, Carli F. Epidural anaesthesia and surgical outcome: have we been misled by unreliable research methodology? (abstract), A39-A
  - see Carli F, jt. auth.
  - Knapik AL, see Whalley DG, jt. auth.
  - Kobayashi T, see Taniguchi T, jt. auth.
  - Kobno N, Tancyama C. Surgical stress attenuates reflex heart rate response to hypotension, 746
  - Kohro S, see Yamakage M, jt. auth.
  - Koide Y, see Tanito Y, jt. auth.
  - Komar WE, see Badner NH, jt. auth.
  - Komatsu H, Enzan K, Matsuura S, Kurosawa S, Mitsuhashi H. Systemic hypotensive response to protamine following chronic inhibition of nitric oxide synthase in rats (laboratory investigation), 1186
  - Kondou O, see Kasaba T, jt. auth.
  - Konstadt SN, see Reich DL, jt. auth.
  - Kosaka Y, see Hara K, jt. auth.
  - Kosmorsky GS, see Dilger JA, jt. auth.
  - Kowalski SE, see Nicholson DJ, jt. auth.
  - Krause R, see Banwell BR, jt. auth.
  - Krepski B, see Dennehy KC, jt. auth.
  - Krishnathas A, see McHardy F, jt. auth.
  - Kronberg J, see Katsiris S, jt. auth.
  - Kuge M, see Enokibori M, jt. auth.
  - Kumar KVM, see Grover VK, jt. auth.
  - Kunimoto F, see Kadoi Y, jt. auth.
  - Kurian R, see Wong DR, jt. auth.
  - Kuroda M, Fukura H, Saruki N, Yoshikawa D, Morita T, Goto F. Vecuronium dose requirement and pupillary response in a patient with olivopontocerebellar atrophy (OPCA) (clinical report), 979
  - Kurosawa S, see Komatsu H, jt. auth.
  - Kurrek MM, Devitt JH, Cohen M. Cardiac arrest in the OR: How are our ACLS skills?, 130
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- ## L
- Labrecque P, see Crosby ET, jt. auth.
  - Laffey JG, Boylan JF. Cyclizine and droperidol have comparable antiemetic efficacy and side effect profile during patient controlled analgesia (abstract), A21-B
  - Laffon M, Gouchet A, Sibon P, Guicheteau V, Biyick E, Duchalais A, Mercier C. Difference between arterial and end-tidal carbon dioxide pressures during laparoscopy in paediatric patients (brief report), 561
  - Labrimi L, see Nathan N, jt. auth.
  - Lambert W, Brisebois FJ, Wharton TJ, Carrier RC, Boyle D, Rowe BH. The effectiveness of low dose tranexamic acid in primary cardiac surgery (brief report), 571
  - Landymore RW, see Murphy T, jt. auth.
  - Lang E, Jedeikin R. Acute respiratory depression as a complication of nebulised morphine (clinical report), 60
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  - Larabée S, see Cusseau I, jt. auth.
  - Larsen PD, see Lower BMF, jt. auth.

- Laver JH, see Burt N, jt. auth.
- Lavine E, see Vesely A, jt. auth.
- Le Coq G, Ducot B, Benhamou D. Risk factors of inadequate pain relief during epidural analgesia for labour and delivery, 719
- Le May S, Hardy J-F. Development of a measure of surgeon satisfaction with anesthesia services (abstract), A59-B
- Le Rowzo A, see Seguin P, jt. auth.
- LeDez KM, Au J, Tucker JH, Redmond EB, Gadag V, Penney C. Sevoflurane by nasal mask compared to intravenous midazolam for sedation in patients undergoing surgery with local anesthesia (abstract), A30-A
- Ledowski T, see Wulf H, jt. auth.
- Lee J-u, see Ansley DM, jt. auth.
- Lee TDG, see Hare GMT, jt. auth.
- Lee TL, see Ti LK, jt. auth.
- Lehot JJ, see Piriou V, jt. auth.
- Leighton B, see Katsiris S, jt. auth.
- Lerman J, see Guard BC, jt. auth.
- Lesko A, see Arndt GA, jt. auth.
- Lessard MR, see Vézina D, jt. auth.
- Leung JM, Pastor DA. Dissociation between haemodynamics and sympathetic activation during anaesthetic induction with desflurane: impact on cardiac risks, 533
- Levene E, see Sommer LZ, jt. auth.
- Levine M, see Guard BC, jt. auth.
- Levine T, see Halpern S, jt. auth.
- Lewer BMF, Larsen PD, Torrance JM, Galletly DC. Artefactual episodic hypoxaemia during postoperative respiratory monitoring (brief report), 182
- Li C-Y, Chou T-C, Wang J-Y. Dantrolene potentiates the inhibitory effect of nifedipine on nitric oxide production in rat aortic smooth muscle cells treated with lipopolysaccharide and interferon- $\gamma$  (abstract), A53-B
- Chou T-C, Wu C-C, Wong C-S, Ho S-T, Yen M-H, Ding Y-A. Dantrolene inhibits nitric oxide synthase in rat alveolar macrophages treated with lipopolysaccharide and interferon- $\gamma$  (laboratory report), 246
- see Chou T-C, jt. auth.
- Li J, see Zhou Y, jt. auth.
- Li X, see Gu M, jt. auth.
- Liam B-L, Yim C-F, Chong J-L. Dose response study of lidocaine 1% for spinal anaesthesia for lower limb and perineal surgery, 645
- Lienhart A, see Beausier M, jt. auth.
- Light RB, see Gu M, jt. auth.
- Lin C-H, see Pang W-W, jt. auth.
- Lin S-Y, see Lin T-C, jt. auth.
- Lin T-C, Wong C-S, Chen F-C, Lin S-Y, Ho S-T. Long-term epidural ketamine, morphine and bupivacaine attenuate reflex sympathetic dystrophy neuralgia (preliminary report), 175
- Lindholm P, see Kirkegaard-Nielsen H, jt. auth.
- Ling E, Arellano R. A systematic overview of the evidence supporting the use of cerebrospinal fluid drainage in thoraco-abdominal aneurysm surgery for prevention of paraplegia (abstract), A8-B
- Linstedt U, see Wulf H, jt. auth.
- Lo WK, see Sia ATH, jt. auth.
- Lobato EB, Sulek CA, Davies LK, Gearen PF. Cerebral microembolism during tourniquet release after total knee arthroplasty (abstract), A28-A
- Lockhart EM, see Hilton ABR, jt. auth.
- Loken RG, see Seal DD, jt. auth.
- Loomis C, see Hall SRR, jt. auth.
- Lortie L, see Fabrizio A, jt. auth.
- Lowe D, see Pagel PS, jt. auth.
- Lucas SB, see Grange CS, jt. auth.
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- Lugani D, see Berti M, jt. auth.
- Luger TJ, see Keller C, jt. auth.
- Lui A, see Vaghadia H, jt. auth.
- Lui ACP, Polis TZ, Cicutti NJ. Densities of cerebrospinal fluid and spinal anaesthetic solutions in surgical patients at body temperature, 297
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## M

- Ma D, see Zhou Y, jt. auth.
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- Macarthur A, see Yang T, jt. auth.
- MacDonald JF, see Bai D, jt. auth.
- MacDonell J, see Halpern S, jt. auth.
- MacLeod BA, Azmudéh A, Franciosi LG, Ries CR, Schwarz SKW. Comparison of the cost of sevoflurane to isoflurane anaesthesia (abstract), A26-A
- see Schwarz SKW, jt. auth.
- Mäkinen M-T, Tli-Hankala A. Respiratory compliance during laparoscopic hiatal and inguinal hernia repair, 865
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- Marshall S, see McHardy F, jt. auth.
- see Wong J, jt. auth.
- Martin R, Carrier J, Pirlet M, Claprood Y, Tétrault J-P. Rocuronium is the best non-depolarizing relaxant to prevent succinylcholine fasciculations and myalgia, 521



- see *Custeau I*, jt. auth.
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- Mathieu A*, *Murray-Foster S*. Assessment of the appropriateness of the statistical analyses in abstracts selected for wider publicity at the ASA and IARS meetings (abstract), A6-A
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- Matsumoto M*, see *Kanaya N*, jt. auth.
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- Maurer WG*, see *Whalley DG*, jt. auth.
- Mayers I*, *Johnson D*. The nonspecific inflammatory response to injury (review article), 871
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- Mazer CD*, see *Anderson R*, jt. auth.
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- McDonnell C*, see *Colbert ST*, jt. auth.
- McDowell TS*, see *Arndt GA*, jt. auth.
- McGuire GP*, see *Down MP*, jt. auth.
- McHardy F*, *Fortier J*, *Chung F*, *Marshall S*, *Krishnathas A*. A comparison of midazolam, alfentanil and propofol in outpatient intraocular surgery (abstract), A23-B
- see *Wong J*, jt. auth.
- McHugh GJ*. Anaphylactoid reaction to pentastarch (brief report), 270
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- McKay BWS*, see *McKay WPS*, jt. auth.
- McKay WPS*, *Teskey RJ*, *Militzer J*, *Kember G*, *Blanchet T*, *Gregson PH*. Sternal acceleration ballistocardiography in aortic stenosis (abstract), A10-B
- *Gregson PH*, *McKay BWS*, *Blanchet T*. Resting muscle sounds in anaesthetised patients (abstract), A26-B
- McKenna J*, see *Crosby E*, jt. auth.
- see *Vaghadia H*, jt. auth.
- McNeil T*, see *Breen TW*, jt. auth.
- McRae K*, see *Slinger PD*, jt. auth.
- McShane AJ*, see *Griffin MJ*, jt. auth.
- Meikle A*, *Avery N*, *van Vlymen J*, *Parlow JL*. Does pre-discharge antiemetic prophylaxis reduce post-discharge nausea and vomiting after out-patient laparoscopic surgery? (abstract), A24-B
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- Mercier C*, see *Laffon M*, jt. auth.
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- see *Reimer EJ*, jt. auth.
- see *Vaghadia H*, jt. auth.
- see *Zabani I*, jt. auth.
- Meuret P*, *Bonhomme V*, *Plourde G*, *Fiset P*, *Backman SB*. 40-Hz auditory steady-state response and bispectral index as monitors of the level of consciousness during anesthesia with propofol (abstract), A27-A
- see *Bonhomme V*, jt. auth.
- see *Despond O*, jt. auth.
- Meyer DJ Jr*, see *Tobias JD*, jt. auth.
- Meyers MP*, see *Nicholson DJ*, jt. auth.
- Mezei G*, see *Sinclair D*, jt. auth.
- Mi W-D*, *Sakai T*, *Takahashi S*, *Matsuki A*. Haemodynamic and electroencephalograph responses to intubation during induction with propofol or propofol/fentanyl, 19
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- Milne B*, see *Hall SRR*, jt. auth.
- Milner A*, see *Sandler AN*, jt. auth.
- Mink SN*, see *Gu M*, jt. auth.
- Mishiba E*, see *Okutomi T*, jt. auth.
- Mitmayer E*, *Tessler MJ*, *Kardash K*, *Kleiman SJ*, *Rossignol M*. Incidence of transient radicular irritation following spinal anaesthesia (abstract), A38-A
- Mitra S*, *Gombar KK*, *Gombar S*. Anaesthetic considerations in a patient with lepromatous leprosy (clinical report), 1103
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- Morgan P*, *Halpern S*, *Evers J*. A comparison of maternal satisfaction between epidural and spinal anaesthesia for elective caesarean section (abstract), A60-A
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- Moriarty DC*, see *Colbert S-A*, jt. auth.
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- Morita T*, see *Kadoi T*, jt. auth.
- see *Kuroda M*, jt. auth.
- Morley-Foster P*, see *Banwell BR*, jt. auth.
- see *Writer D*, jt. auth.

- Morris GF, Tip RW. The influence of health care reform on GP anaesthesia services in Saskatchewan (abstract), A57-A
- Moulton RJ, see Reinders FX, jt. auth.
- Mowafi H, see Abdel-Ghaffar ME, jt. auth.
- Muir H, see Crosby E, jt. auth.
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  - see Swica L, jt. auth.
  - see Writer D, jt. auth.
- Mulier J, see Reich DL, jt. auth.
- Muller A, see Diemunsch P, jt. auth.
- Murao K, see Tsushima K, jt. auth.
- Murphy DB, Murphy MB. Methylnaltrexone does not attenuate high dose fentanyl induced suppression of the cortisol response to surgery (abstract), A52-A
- Murphy J, see Hopkins D, jt. auth.
- Murphy MB, see Murphy DB, jt. auth.
- Murphy ME, see Crosby ET, jt. auth.
- Murphy T, Landymore RW, Hall RI. Midazolam-sufentanil vs sufentanil-enflurane for induction of anaesthesia for CABG surgery (brief clinical report), 1207
- Murray JM, Luney SR. Fatal cardiac ischaemia associated with prolonged desflurane anaesthesia and administration of exogenous catecholamines (brief clinical report), 1200
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- N**
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  - see Alzeer A, jt. auth.
- Naito Y, Arisawa S, Ide M, Nakano S, Yamazaki K. Changes of plasma thyroid hormones and their binding proteins during and after cardiopulmonary bypass (abstract), A34-A
- Nakae Y, Yamakage M, Horikawa D, Aimoto M, Tamiya K, Namiki A. Triggering delay time and work of breathing in three paediatric patient-triggered ventilators (equipment report), 261
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- see Nakae Y, jt. auth.
  - see Yamakage M, jt. auth.
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- Nicholson DJ, Kowalski SE, Hamilton GA, Meyers MP, Serrette C, Duke PC. Post-operative pulmonary function in CABG patients undergoing early tracheal extubation: a comparison between short term mechanical ventilation and immediate extubation (abstract), A12-B
- Nishikawa T, see Irifune M, jt. auth.
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- Norris M. Labour analgesia: what are the (new) options? (refresher course), R138; R144
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- see Writer D, jt. auth.
- O**
- Obadia JF, see Pirion V, jt. auth.
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- O'Donnell MP, see Ho-Tai LM, jt. auth.
- Ogata H, see Yamaguchi S, jt. auth.
- Ogawa R, see Wajima Z, jt. auth.
- O'Hanlon DM, see Colbert S, jt. auth.
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- O'Hara JF Jr, see Dilger JA, jt. auth.
- Obata H, see Watanabe Y, jt. auth.
- Obshika H, see Kanaya N, jt. auth.
- Okada A, see Tsuda T, jt. auth.
- Okumura F, see Tanito Y, jt. auth.
- Okutomi T, Hoka S. Epidural saline solution prior to local anaesthetic produces differential nerve block (brief report), 1091
- Nemoto M, Mishiba E, Goto F. Viscosity of diluent and sensory level of subarachnoid anaesthesia achieved with tetracaine (brief report), 84

- Ong B-C, Zimmerman AA, Zappulla DC, Neufeld EJ, Burrows FA. Prevalence of factor V Leiden in a population of patients with congenital heart disease, 1176
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- see Iihara K, jt. auth.
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## P

- Padosch S, see Voelckel W, jt. auth.
- Page R, see Colbert S-A, jt. auth.
- Pagel PS, Hettrick DA, Kersten JR, Lowe D, Warltier DC. Propofol, but not thiopentone or etomidate, enhances isoflurane-induced coronary vasodilatation in dogs (laboratory report), 809
- Pang W-W, Chang D-P, Lin C-H, Huang M-H. Negative pressure pulmonary oedema induced by direct suctioning of endotracheal tube adapter (clinical report), 785
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- Peng PWH, Chan VWS, Perlas A. Minimum effective anaesthetic concentration of hyperbaric lidocaine for spinal anaesthesia, 122
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- Pham B, see Cleland MJ, jt. auth.
- Pilote M, see Custeau I, jt. auth.
- Pinosky ML, see Burt N, jt. auth.
- Pirion V, Lehot JJ, Obadia JF, Terrenoire C, Janier M. Sédation et hibernation myocardique : mise à jour pour l'anesthésiste-réanimateur (continuing medical education), 997
- Pirlot M, see Custeau I, jt. auth.
- see Martin R, jt. auth.
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- Pohorecki R, see Hill GE, jt. auth.
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- Polosa C, see Stein RD, jt. auth.
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- Prénovault J, see Troncy E, jt. auth.
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- Preston RP, see Crosby ET, jt. auth.
- Pridham J, see Writer D, jt. auth.
- Proppe D, see Wulf H, jt. auth.
- Pua HL, Bissonnette B. Cerebral physiology in paediatric cardiopulmonary bypass (review article), 960
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## Q

- Qayumi AK, see Ansley DM, jt. auth.
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- Reich DL, Mulier J, Viby-Mogensen J, Konstadt SN, van Aken HK, Jensen FS, DePerio M, Buckley SG. Comparison of the cardiovascular effects of cisatracurium and vecuronium in patients with coronary artery disease (brief report), 794
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- Reid D, see Crosby E, jt. auth.
- Reid DR, see Crosby ET, jt. auth.
- Reid S, see Tsui BCH, jt. auth.
- Reimer EJ, Dunn GS, Montgomery CJ, Sanderson PM, Scheepers LD, Merrick PM. The effectiveness of clonidine as an analgesic in paediatric adenotonsillectomy, 1162
- Reinders FX, Baker AJ, Moulton RJ, Brown JIM, Schlichter L. A CNS inflammatory response in human traumatic brain injury associated with patient outcome (abstract), A41-B
- Resby M, see Hahn RG, jt. auth.

- Rhine EJ, see Isaac L, jt. auth.  
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 Rooney ME, Campbell DC, Riben CM, Crone L-A, Tip RW.  
 Intrathecal morphine for postoperative pain relief following postpartum tubal ligation surgery (abstract), A63-B  
 Rosaeg O, see Writer D, jt. auth.  
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 Rose DK, Mazer CD, Cohen MM, Wigglesworth D. Change in anaesthetic practice - costs and savings for open heart surgery (abstract), A10-A  
 – see Crosby ET, jt. auth.  
 – see Joo HS, jt. auth.  
 – see Ronaldson P, jt. auth.  
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 Ruel M, see Chouinard P, jt. auth.  
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 – see Writer D, jt. auth.  
 Sandler AN, Arlander E, Finucane BT, Taddio A, Chan V, Milner A, Callaban-Enright SO, Friedlander M, Muzyka D. Pharmacokinetics of three doses of epidural ropivacaine during hysterectomy and comparison with bupivacaine, 843  
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 Schwarz SKW, MacLeod BA, Ries CR, Franciosi LG, Regan WD, Davidson RG, Nevin K, Escobedo S. Femoral 3-in-1 block for post-operative pain relief in arthroscopic cruciate ligament repair (abstract), A37-B  
 – see MacLeod BA, jt. auth.  
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- Serrette C, see Nicholson DJ, jt. auth.
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- Sharma S, see Grover VK, jt. auth.
- Shayan S, see Kapoor S, jt. auth.
- Shibata O, Tsuda A, Makita T, Iwanaga S, Hara T,  
Shibata S, Sumikawa K. Contractile and phosphatidylinositol responses of rat trachea to anticholinesterase drugs (laboratory investigation), 1190
- Shibata S, see Shibata O, jt. auth.
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- Shinomura T, see Osawa M, jt. auth.
- Shipton EA, see Hopkins D, jt. auth.  
- see Webb AA, jt. auth.
- Shitara T, see Wajima Z, jt. auth.
- Shore-Lesserson L, Reich DL, DePerio M. Heparin and protamine titration do not improve haemostasis in cardiac surgical patients, 10
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- see Hurtado C, jt. auth.  
- see Swica L, jt. auth.  
- see Writer D, jt. auth.
- Shysh S, Carter K, Eagle C. The Canadian and U.S. perspective on setting the competency level for residents: minimum numbers of cases and procedures (abstract), A55-B
- Sia ATH, Chong JL, Tay DHB, Lo WK, Chen LH, Chiu JW. Intrathecal sufentanil as the sole agent in combined spinal-epidural analgesia for the ambulatory parturient, 620
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- Sikich N, see Carr AS, jt. auth.  
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- Silvasti M, see Tarkkila P, jt. auth.
- Simbi E, see Brandom BW, jt. auth.
- Sims C, see Schultz J-AI, jt. auth.
- Sinclair D, Chung F, Mezei G. Relation of postoperative nausea and vomiting to the surgical procedure (abstract), A25-A
- Singh K, see Hudson RJ, jt. auth.  
- see Thomson IR, jt. auth.
- Sitbon P, see Laffon M, jt. auth.
- Sitzlack D, see Wulf H, jt. auth.
- Slinger PD, McRae K, Winton T, Sandler AN, Zamora JE, Salpeter MJ. Arterial oxygenation during thoracic surgery: a comparison of isoflurane and sevoflurane (abstract), A48-A
- Smedstad KG, see Vanhelder T, jt. auth.
- Smith B, see Swica L, jt. auth.
- Smith LJ, see Gregoret-Quinn MG, jt. auth.
- Smith MP, see Tetzlaff JE, jt. auth.
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